L Number	Hits	Search Text	DB	Time stamp
1	1	("5656670").PN.	USPAT;	2004/01/12 13:37
			US-PGPUB	
2	1		USPAT	2004/01/12 13:33
3	1		USPAT	2004/01/12 13:34
4	1		USPAT	2004/01/12 13:34
5	1		USPAT ,	2004/01/12 13:34
6	1		USPAT	2004/01/12 13:34
7	1		USPAT	2004/01/12 13:35
8	1		USPAT	2004/01/12 13:35
9	1		USPAT	2004/01/12 13:43
10	5	5290805.URPN.	USPAT	2004/01/12 13:36
11	3871	dimethylammonium	USPAT;	2004/01/12 13:37
•			US-PGPUB	
12	0	dimethylammonium same (endoscope or lumen)	USPAT;	2004/01/12 13:38
		annosity tanning mann same (shassospe or tannon)	US-PGPUB	
13	64079	quaternary adj ammonium	USPAT;	2004/01/12 13:37
	0.070	quatornary and arminomani	US-PGPUB	
14	21	dimethylammonium and (endoscope or lumen)	USPAT:	2004/01/12 13:37
		amount and condecope of famony	US-PGPUB	200 170 17 12 10:01
15	7	(quaternary adj ammonium) same (endoscope or lumen)	USPAT;	2004/01/12 13:39
.*	,	quaternary and arminomatri) sume (enaboope or famoli)	US-PGPUB	200 %0 17 12 10:00
16	1	("5425815").PN.	USPAT;	2004/01/12 13:39
10	•	(0 1200 10).1 14.	US-PGPUB	200 //01/12 10:00
17	1248	dmac	EPO; JPO;	2004/01/12 13:43
• •	12,0	diffac	DERWENT	200 1/0 1/12 10: 10
18	0	dimethylammoniumchloride	EPO; JPO;	2004/01/12 13:43
10		difficulty and formation de	DERWENT	2004/01/12 10:40
19	256195.	dimethylammonium chloride	EPO; JPO;	2004/01/12 13:43
10	200190.		DERWENT	2007/01/12 10:40
20	257392	dmac or (dimethylammonium chloride)	EPO; JPO;	2004/01/12 13:43
20	237392		DERWENT	2004/01/12 13:43
21	1315	(dmac or (dimethylammonium chloride)) and (isononyl or	EPO, JPO;	2004/01/12 13:44
	1010	nonyl or dodecyl or tridecyl)	DERWENT	2004/01/12 13.44
22	0	((dmac or (dimethylammonium chloride)) and (isononyl or		2004/01/12 13:44
22		nonyl or dodecyl or tridecyl)) and (endoscop\$2 or lumen\$3 or	EPO; JPO; DERWENT	2004/01/12 13:44
		, , , , , , , , , , , , , , , , , , , ,	DEKMENI	
	_	lumina)	- - -	2004/04/40 42 45
23	1	((dmac or (dimethylammonium chloride)) and (isononyl or	EPO; JPO;	2004/01/12 13:45
0.4		nonyl or dodecyl or tridecyl)) and catheter	DERWENT	0004/04/40 40 45
24	55	((dmac or (dimethylammonium chloride)) and (isononyl or	EPO; JPO;	2004/01/12 13:45
		nonyl or dodecyl or tridecyl)) and (steril\$7 or disinfect\$4)	DERWENT	

L Number	Hits	Search Text	DB	Time stamp
10	30193	quaternary adj ammonium	EPO; JPO;	2004/01/12 15:16
			DERWENT	
11	. 332	(quaternary adj ammonium) and (nonyl or dodecyl or tridecyl)	EPO; JPO;	2004/01/12 15:27
			DERWENT	
12	3	((quaternary adj ammonium) and (nonyl or dodecyl or	EPO; JPO;	2004/01/12 15:29
		tridecyl)) and (endoscop\$2 or lumen\$2 or catheter)	DERWENT	· .
13	0	waternary adj ammonium	USPAT,	2004/01/12 15:29
			US-PGPUB	
14	64079	quaternary adj ammonium	USPAT;	2004/01/12 15:29
_			US-PGPUB	
15	579	(quaternary adj ammonium) same (nonyl or isononyl)	USPAT;	2004/01/12 15:31
			US-PGPUB	
16	82980	endoscop\$2 or lumen\$2 or catheter	USPAT;	2004/01/12 15:30
			US-PGPUB	
•17	. 6	((quaternary adj ammonium) same (nonyl or isononyl)) and	USPAT;	2004/01/12 15:43
	1004	(endoscop\$2 or lumen\$2 or catheter)	US-PGPUB	
18	1881	(quaternary adj ammonium) same (dodecyl)	USPAT;	2004/01/12 15:49
19	0.4	/	US-PGPUB	5004/04/15 45 40
19	64	(endoscop\$2 or lumen\$2 or catheter) and ((quaternary adj	USPAT;	2004/01/12 15:40
20	4	ammonium) same (dodecyl))	US-PGPUB	0004/04/40 45 40
20	ı	("6506803").PN.	USPAT;	2004/01/12 15:40
21	8	((quaternary adj ammanium) aoma (nanyl ar jaananyl)) a-d	US-PGPUB	0004/04/40 45.45
21.	0	((quaternary adj ammonium) same (nonyl or isononyl)) and ((medical or surgical or dental) adj (device or instrument))	USPAT;	2004/01/12 15:45
22	. 28	((quaternary adj ammonium) same (dodecyl)) and ((medical	US-PGPUB USPAT:	2004/01/12 15:49
~~	. 20	or surgical or dental) adj (device or instrument))	US-PGPUB	2004/01/12 15:49
23	. 228	(quaternary adj ammonium) same (tridecyl)	US-PGPUB USPAT:	2004/01/12 15:49
	220	(quaternary auj ariintoriluiti) saine (tiluecyi)	US-PGPUB	2004/01/12 13,49
24	1	((quaternary adj ammonium) same (tridecyl)) and ((medical	USPAT:	2004/01/12 15:49
		or surgical or dental) adj (device or instrument))	US-PGPUB	2004/01/12 13.49

```
E DECYLISONONYL DIMETHYLAMMONIUM CHLORIDE/CN
                    E ISONONYLDECYLDIMETHYLAMMONIUM CHLORIDE/CN
                    E DECYL ISONONYL DIMETHYLAMMONIUM CHLORIDE/CN
                    E N-DECYL-N-ISONONYL
                    E N-DECYL-N-ISONONYL/CN
                    E N-DIDAC/CN
FILE 'CAPLUS' ENTERED AT 14:53:11 ON 12 JAN 2004
                    E DECYL (2W) ISONONYL (2W) DIMETHYLAMMONIUM (W) CHLORIDE
                  5 S DECYL (2W) ISONONYL (2W) DIMETHYLAMMONIUM (W) CHLORIDE
         FILE 'REGISTRY' ENTERED AT 14:55:02 ON 12 JAN 2004
    L2
                  1 S 198697-91-5/RN
                    SET NOTICE 1 DISPLAY
                    SET NOTICE LOGIN DISPLAY
         FILE 'REGISTRY' ENTERED AT 14:57:17 ON 12 JAN 2004
    L3
                  1 S 194918-40-6/RN
                  SET NOTICE 1 DISPLAY
                   SET NOTICE LOGIN DISPLAY
                    E 1-DECANAMINIUM, N-ISONONYL-N-N-DIMETHYL-, CHLORIDE/CN
                    E 1-DECANAMINIUM, N-ISONONYL-N, N-DIMETHYL-, CHLORIDE/CN
    L4
                  1 S E3
         FILE 'CAPLUS' ENTERED AT 14:59:09 ON 12 JAN 2004
         FILE 'REGISTRY' ENTERED AT 14:59:13 ON 12 JAN 2004
                    SET SMARTSELECT ON
    L_5
                SEL L4 1- CHEM: 5 TERMS
                   SET SMARTSELECT OFF
         FILE 'CAPLUS' ENTERED AT 14:59:14 ON 12 JAN 2004
    L6
                 27 S L5
    L7
                 0 S L6 AND (ENDOSCOP? OR LUMEN OR LUMINA OR CATHETER)
                146 S INVERT (W) SOAP
                38 S L8 AND QUATERNARY
               2853 S BENZALKONIUM (W) CHLORIDE
    L11
               96 S L10 AND (NONYL OR DODECYL OR TRIDECYL)
    L12
                0 S L11 AND (LUMEN OR LUMINA OR ENDOSCOP?)
    L13
                7 S L10 AND (LUMEN OR LUMINA OR ENDOSCOP?)
    L14
                14 S DIDAC
                  E W08000057/PN
                 1 S E3
    L15
```

FILE 'REGISTRY' ENTERED AT 14:48:52 ON 12 JAN 2004